Gas/Air Switching Valve
SS5Y7-X424-Q

Shield gas valve and air blow valve are integrated.

**Tip service life extended**

Service life can be extended by blowing the air to cool the tip after arc welding.
⇒ Tip service life is improved, and the number of tip replacements and the tip costs are reduced.

**Space saving/Compact**

**Energy saving product**

Power consumption **0.5 W**
Gas/Air Switching Valve

SS5Y7-X424-Q

How to Order

SS5Y7-X424-Q

X part no. CE marking

How to Order

Air Inert gas

0.25 to 0.7 MPa –100 kPa to 0.7 MPa

24 VDC 0.45 W

±10% of rated voltage

Fluid

Rated voltage

Power consumption

Allowable voltage fluctuation

SY7140-5DOS-X316-Q

SY5140R-5DOS-Q

SY7140-5DOS-X316-Q

SY5140R-5DOS-Q

SY5140R-5DOS-Q

SY7140-5DOS-X316-Q

[Special specifications]

1. Special manifold air circuit. (Refer to the figure on the right.)
2. With special connector assembly (Cable: Glass fiber heat resistant cover)

Note 1) Order no. “SS5Y7-X424-Q” includes the valve.
Note 2) Since SY7140 is internal pilot type, be careful not to drop the supply pressure from the minimum operating pressure.

Specifications

Flow-rate Characteristics (Cv Factor)

<table>
<thead>
<tr>
<th>Passage</th>
<th>Valve</th>
<th>Cv</th>
</tr>
</thead>
<tbody>
<tr>
<td>Air → OUT</td>
<td>SY7140</td>
<td>0.63</td>
</tr>
<tr>
<td>Gas → OUT</td>
<td>SY5140R</td>
<td>0.40</td>
</tr>
</tbody>
</table>

Note 1) The flow-rate characteristics show the flow rates when this special base is mounted.
Note 2) The flow rate is measured by means of the discharge method.

Dimensions

Flow Control Equipment

Clamp Cylinders

Detection Switches

Tubing

Fittings

Gas/Air Switching Valve

Spatter Resistant Cylinders for Arc Welding